

Mingi Seong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Engineering the Charge Transport of Ag Nanocrystals for Highly Accurate, Wearable Temperature Sensors through All-Solution Processes. <i>Small</i> , 2017, 13, 1700247.	10.0	55
2	Designing Metallic and Insulating Nanocrystal Heterostructures to Fabricate Highly Sensitive and Solution Processed Strain Gauges for Wearable Sensors. <i>Small</i> , 2017, 13, 1702534.	10.0	40
3	Chemically Designed Metallic/Insulating Hybrid Nanostructures with Silver Nanocrystals for Highly Sensitive Wearable Pressure Sensors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1389-1398.	8.0	38
4	Surface Design of Nanocrystals for High-Performance Multifunctional Sensors in Wearable and Attachable Electronics. <i>Chemistry of Materials</i> , 2019, 31, 436-444.	6.7	31
5	Ink-Lithography for Property Engineering and Patterning of Nanocrystal Thin Films. <i>ACS Nano</i> , 2021, 15, 15667-15675.	14.6	23
6	Chemically Engineered Au@Ag Plasmonic Nanostructures to Realize Large Area and Flexible Metamaterials. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25652-25659.	8.0	14
7	Designing highly conductive and stable silver nanocrystal thin films with tunable work functions through solution-based surface engineering with gold coating process. <i>Journal of Alloys and Compounds</i> , 2017, 698, 400-409.	5.5	9
8	Transition States of Nanocrystal Thin Films during Ligand-Exchange Processes for Potential Applications in Wearable Sensors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25502-25510.	8.0	9
9	Engineering the work function of solution-processed electrodes of silver nanocrystal thin film through surface chemistry modification. <i>APL Materials</i> , 2018, 6, 121105.	5.1	8
10	Designing Surface Chemistry of Silver Nanocrystals for Radio Frequency Circuit Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37643-37650.	8.0	4
11	Chemical transformation of solution-processed Ag nanocrystal thin films into electrically conductive and catalytically active Pt-based nanostructures. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 388-395.	5.8	3